Study Guide Chapter 5 quiz CC3

Be ready to answer questions similar to the following questions

1. Anne claims that (3, 6) is the point of intersection of the lines

 y = 4x − 2 and y =  + 5.  Is she correct?  How do you know?

1. Graph the lines *y* = 2*x* − 3 and *y* = −*x* + 3

Where do they intersect?  Label the point on the graph.

1. Solve by graphing (isolate the “y” if needed) and then by equal values.

*y* = *https://ebooks.cpm.org/images/shared/2-5.gifx* − 5

3*x* + 2*y* = 9

Write equations and solve using either equal values or graphing calculator.

1. Post Falls High School in Idaho has 1160 students and is growing by 22 students per year.  Richmond High School in Indiana has 1900 students and is shrinking by 15 students per year.